<u>Abstract</u>

The use is described of a mixture containing

- A) at least two different acrylic acid C₁-C₆ alkyl esters;
- B) at least one compound from the group comprising C_1 - C_8 mercaptans, C_4 - C_{12} thiophenes, C_2 - C_8 sulfides or C_2 - C_8 disulfides;
 - C) at least one compound from the group comprising norbornenes, C_1 - C_6 carboxylic acids, C_1 - C_8 aldehydes, C_6 - C_{14} phenols, C_7 - C_{14} anisoles or C_4 - C_{14} pyrazines;
 - D) optionally an antioxidant

5

for the odorisation of fuel gas having a methane content of at least 60 wt.%.

Corresponding fuel gases and processes for the odorisation of fuel gases are also described.